Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 29 Mar 2023 until 23:59 on Thursday 30 Mar 2023

Forecast Issued on Wednesday 29 Mar 2023 at 04:40

Confidence: High for run of occasionally unsettled weather, but lower for detail due to the mobile nature of the pattern.

Headline for Wednesday 29 Mar 2023: Mainly cloudy with rain, turning heavier later. Fresh to strong southerly summit winds developing.

Mountain weather hazards on Wednesday 29 Mar 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Drizzle	Drizzle	Heavy Rain	Heavy Rain	Light rain
Precipitation probability					
70%	40%	40%	40%	60%	70%

Forecast for Wednesday 29 Mar 2023

Weather: Rather cloudy with occasional rain or drizzle, which will be light and patchy through the morning. Best of limited brighter spells expected late morning and early afternoon. Rain turning heavier and more persistent late afternoon and for the evening.

Chance of cloud-free hill tops above 600m: 30-40% becoming 70% for a time late morning and early afternoon

Low Cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases frequently down to 500m, less so for a time late morning and early afternoon

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Wednesday 29 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/18 S	17/23 S	18/24 S	20/28 S	20/30 S	19/29 SW	18/26 SW
300	4/13 S	8/17 S	11/21 S	12/25 S	12/26 S	12/26 S	12/24 SW
Valley	5/16 S	9/21 S	11/22 S	11/26 S	11/26 S	9/23 S	10/21 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/3	7/2	8/4	9/5	9/5	8/4	7/3
300	8/7	8/6	11/8	11/8	11/8	10/7	9/6
Valley	9/8	10/8	12/10	12/10	12/10	11/9	9/7
Freezing Level*	1700m	1900m	1800m	2100m	2000m	1800m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Hill fog quite extensive in west making navigating difficult. Waterproofs necessary.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 29 Mar 2023	9mm	9mm	9mm

Forecast for Thursday 30 Mar 2023

Weather: Mainly cloudy overnight and through the day with occasional outbreaks of rain and drizzle, more likely to be persistent early and late in the day. Best chance of limited brighter spells appearing for the afternoon and in the east of the Park area.

Maximum wind: West or southwest mean 20-25 mph at first with gusts reaching 35 mph across most exposed ridges and summits. Winds easing and backing from mid-afternoon

Chance of cloud-free hill tops above 600m: 30-40%

Low Cloud and visibility: Good becoming moderate or poor in rain and drizzle, very poor within cloud with bases frequently down to 500m

Temperature: **Valleys:** Plus 5 Celsius increasing 16 Celsius for the afternoon
At 600m: Plus 7 Celsius
Freezing level: Above summits

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